

OIF 04/04/2001

Serial Number: 09/803,719

CRF Processing Date:

Edited by:

Modified by:

3/30/2001

(STIC staff)

ENTERED

 Changed a file from non-ASCII to ASCII Changed the margins in cases where the sequence text was wrapped down to the next line. Edited a formal error in the Current Application Data section, specifically: Edited the Current Application Data section with the actual current number. The number inputted by the applicant was the prior application data; or other _____ Added the mandatory heading and subheadings for "Current Application Data". Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer. Changed the spelling of a mandatory field (the headings or subheadings), specifically: Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were: Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited: Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place. Inserted colons after headings/subheadings. Headings edited included: Deleted extra, invalid, headings used by an applicant, specifically: Deleted: non-ASCII "garbage" at the beginning/end of files; secretary initials/filename at end of file; page numbers throughout text; other invalid text, such as _____ Inserted mandatory headings, specifically: Corrected an obvious error in the response, specifically: Edited identifiers where upper case is used but lower case is required, or vice versa. Corrected an error in the Number of Sequences field, specifically: A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted Deleted ending stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: Other:*PatentIn*

Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.

3/1/95

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/803,719

DATE: 03/30/2001
TIME: 14:38:59

Input Set : A:\!seqlist.txt
Output Set: N:\CRF3\03302001\I803719.raw

Does Not Comply
Corrected Diskette Needed

```

4 <110> APPLICANT: Williams, Lewis T.
5   Escobedo, Jaime
6   Innis, Michael A.
7   Garcia, Pablo Dominiguez
8   Sudduth-Klinger, Julie
9   Reinhard, Christoph
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11  Rañdazzo, Filippo
12  Kennedy, Giulia C.
13  Pot, David
14  Kassam, Altaf
15  Lamson, George
16  Drmanac, Radoje
17  Crkvenjakov, Radomir
18  Dickson, Mark
19  Drmanac, Snezana
20  Labat, Ivan
21  Leshkowitz, Dena
22  Kita, David
23  Garcia, Veronica
24  Jones, Lee William
25  Stache-Crain, Birgit
27 <120> TITLE OF INVENTION: Human Genes and Gene Products
30 <130> FILE REFERENCE: 1624.002
C--> 32 <140> CURRENT APPLICATION NUMBER: US/09/803,719
C--> 32 <141> CURRENT FILING DATE: 2001-03-09
32 <150> PRIOR APPLICATION NUMBER: 60/188,609
33 <151> PRIOR FILING DATE: 2000-03-09
35 <160> NUMBER OF SEQ ID NOS: 2396
37 <170> SOFTWARE: FastSEQ for Windows Version 4.0

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ERRORED SEQUENCES

34118 <210> SEQ ID NO: 2396	
34119 <211> LENGTH: 429	
34120 <212> TYPE: DNA	
34121 <213> ORGANISM: Homo sapiens	
34123 <400> SEQUENCE:	2396
34124 tccccatcgat tcgaattccg ttgctgtcga tggtagaa ttaagtgcgt agcttgtctg	60
34125 tcttttcac ggatgccgca ttggtaactc ttcaccacag actttagcag atcagtcttc	120
34126 aaaaattaaa aaaggaaagca aaggggatac atccatgtt aaaccaacac tgatggcagc	180
34127 agttccggaa atcatggatc ggatctacaa aaatgtcatg aataaaagtca gtgaaatgag	240
34128 tagtttcaa cgtaatctgt ttattctggc ctataattac aaaatggAAC agatttcaaa	300
34129 aggacgtaat actccactgt ggcacagctt tggtttccgg aaagttcgaa gcttgctagg	360
34130 gggaaatatt cgtctccgt tgggtggcgg cgctccactt tctgcaacca cgcagcgatt	420
34131 catgaacat	429

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/803,719

DATE: 03/30/2001
TIME: 14:39:03

Input Set : A:\!seqlist.txt
Output Set: N:\CRF3\03302001\I803719.raw

E--> 34135 (599)

VERIFICATION SUMMARY
PATENT APPLICATION: US/09/803,719

DATE: 03/30/2001
TIME: 14:39:04

Input Set : A:\!seqlist.txt
Output Set: N:\CRF3\03302001\I803719.raw

L:32 M:270 C: Current Application Number differs, Replaced Current Application No
L:32 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:55 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:56 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:148 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8
L:149 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8
L:195 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11
L:267 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16
L:320 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20
L:349 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22
L:439 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:29
L:467 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31
L:557 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37
L:573 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:38
L:608 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:40
L:650 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:43
L:683 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:45
L:701 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:46
L:758 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:50
L:783 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:52
L:812 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:54
L:886 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:59
L:953 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:64
L:1053 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:72
L:1189 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:82
L:1217 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:84
L:1219 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:84
L:1237 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:85
L:1251 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:86
L:1273 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:87
L:1334 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:91
L:1487 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:102
L:1500 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:103
L:1507 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:103
L:1537 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:103
L:1556 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:105
L:1572 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:106
L:1588 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:107
L:1639 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:108
L:1701 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:111
L:1719 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:115
L:1736 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:116
L:1814 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:117
L:1833 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:122
L:1934 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:130
L:1935 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:130
L:1936 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:130
L:1952 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:131

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/803,719

DATE: 03/30/2001

TIME: 14:39:04

Input Set : A:\!seqlist.txt

Output Set: N:\CRF3\03302001\I803719.raw

L:1971 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:132

L:2071 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:139

L:2104 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:141

L:2191 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:147

L:34135 M:254 E: No. of Bases conflict, LENGTH:Input:599 Counted:429 SEQ:2396